

10/588804
IAP11 Rec'd PCT/PTO 07 AUG 2006

Date: August 7, 2006 Label No. EV908959637US I hereby certify that, on the date indicated above, I deposited this paper with identified attachments and/or fee with the U.S. Postal Service and that it was addressed for delivery to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 by "Express Mail Post Office to Addressee" service.

Kim Blum
Name (Print)


Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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|-----------------------|------------------|---|-------------------|------------|
| In re Application of: | NAKATSUJI et al. |) | Examiner: | Unassigned |
| | |) | | |
| Application No.: | Unassigned |) | Group Art Unit: | Unassigned |
| | |) | | |
| Filed: | August 7, 2006 |) | Confirmation No.: | Unassigned |
| | |) | | |
| Docket No.: | 3190-099 |) | Customer No.: | 33432 |

For: THE CULTURE MEDIUM FOR CULTURING FEEDER CELLS FOR EMBRYONIC STEM CELLS
CULTURE AND THE PREPARED FEEDER CELLS

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR 1.97(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

August 7, 2006

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO/SB/08. Pursuant to the current United States Patent and Trademark Office rules, no copies of U.S. Patents/Patent Application Publications are provided.

This Information Disclosure Statement is being submitted before expiration of the three-month period following filing of the above-captioned application.

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. *See* 37 CFR 1.104(a) and 1.106(b) concerning the PTO duty to consider and use any such information. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents cited in the attached Form PTO/SB/08 be made of record therein and appear

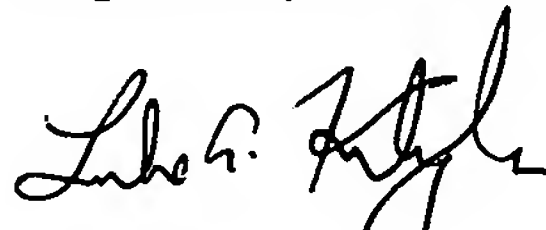
on the first page of any patent to issue therefrom.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in this application and applicant determines that the cited documents do not constitute "prior art" under United States law, applicant reserves the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

It is believed that no fee is required to make this a complete and timely filing. However, if it is determined that a petition or fee is required, the Commissioner is hereby authorized to charge any fee associated with this statement to our Deposit Account No. 50-0925.

Respectfully submitted,



Luke A. Kilyk
Reg. No. 33,251

Atty. Docket No.: 3190-099
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Enclosures: PTO/SB/08 w/8 Documents

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| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | | Complete if Known | |
| | | | | Application Number | Unassigned |
| | | | | Filing Date | August 7, 2006 |
| | | | | First Named Inventor | NAKATSUJI et al. |
| | | | | Art Unit | Unassigned |
| | | | | Examiner Name | Unassigned |
| Sheet | 1 | of | 2 | Attorney Docket Number | 3190-099 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number - Kind Code ² (if known) | | | |
| | | US-2003/0190748 A1 | 10/09/2003 | Thomson | |
| | | US-2002/0076747 A1 | 06/20/2002 | Price et al. | |
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| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|--------------------------|---|--------------------------------|--|--|----------------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ - Number ⁴ - Kind Code ⁵ (if known) | | | | |
| | | JP 2003-009854 | 01/14/2003 | Kyowa Hakko Kogyo Co., Ltd. | | Abstract attached |
| | | WO 02/29012 A1 | 04/11/2002 | University of North Carolina | | |
| | | WO 98/30679 | 07/16/1998 | Life Technologies, Inc. | | |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/08b (07-05)

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| | | | | Application Number | Unassigned |
| | | | | Filing Date | August 7, 2006 |
| | | | | First Named Inventor | NAKATSUJI et al. |
| | | | | Art Unit | Unassigned |
| | | | | Examiner Name | Unassigned |
| Sheet | 2 | of | 2 | Attorney Docket Number | 3190-099 |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-------------|---|----------------|
| Examiner Initials* | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | | RICHARDS et al., "Human feeders support prolonged undifferentiated growth of human inner cell masses and embryonic stem cells," NATURE BIOTECHNOLOGY, Vol. 20, September 2002, pp. 933-936. | |
| | | AMIT et al., "Human Feeder Layers for Human Embryonic Stem Cells," BIOLOGY OF REPRODUCTION, No. 68, 2003, pp. 2150-2156. | |
| | | HOVATTA et al., "A culture system using human foreskin fibroblasts as feeder cells allows production of human embryonic stem cells," HUMAN REPRODUCTION, Vol. 18, No. 7, 2003, pp. 1404-1409. | |
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| | | CHENG et al., "Human Adult Marrow Cells Support Prolonged Expansion of Human Embryonic Stem Cells in Culture," STEM CELLS, No. 21, 2003, pp. 131-142. | |
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| Examiner Signature | | Date Considered | |
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